

Natural Heritage & Endangered Species Program

MA Division of Fisheries & Wildlife

Route 135, Westborough, MA 01581

(508) 792-7270 x 165

RARE PLANT OBSERVATION FORM

OBSERVER INFORMATION

Observer's Name, Address, and Phone:

Arthur Haines

Woodlot Alternatives, Inc.

122 Main Street, Number 3

Topsham, ME 04086

207-729-1199

Species Scientific Name:

Acer nigrum

NHESP Element Occurrence Number (if known):

Observation Date:

27 May: 1999

Today's Date:

22 June 1999

LOCATIONAL INFORMATION

a) USGS Quad Name and Series (7.5"x7.5" or 7.5"x15"): Pittsfield East (1:25,000)

County: Berkshire

Town: Pittsfield

b) Directions to location of observations (please attach USGS map):

West Side of Housatonic River, south of Holmes Road, on Cauce Meadows Property, off the Sacred Way Trail, After Junction with cross-over trail about 50 meters before reaching open area/bench. A single tree, toward river on sloping bank before floodplain, next to an Immense Fraxinus americana (with 1.0m dbh). Approximate UTM coordinates - 4698250 N - 0644950 E

c) Habitat: (plant communities, associated vegetation, physical characteristics, geological features, surrounding land use.

Are other rare species present?)

Mesic hardwood forest on bank above floodplain. Growing with *Acer saccharum*, *Fraxinus americana*, *Veratrum viride*, *Allium tricoccum*, *Sanguinaria canadensis*, *Solidago flexicaulis*, *Lonicera morrowii*, *Athyrium filix-femina*, *Carex pensylvanicum*.

POPULATION INFORMATION: Single Tree observed (about 450 cm dbh)

Population found? (Y/N):

If No, is population presumed extirpated and why?

NA

If Yes,

Number of mature plants: 1

Number of immature plants:

Number of plants age unknown:

Population area (give unit of measurement):

Single individual

Percent of population:

in leaf: 100%

in bud:

in flower:

with immature fruit:

mature fruit:

senescent:

Observations of floral visitors, fruit dispersers:

None observed

Vigor of individuals and population:

Apparently healthy and vigorous

Evidence of expansion or decline:

none observed

Have you observed this species at this site in previous years? No

Please give details:

SITE PHYSIOGRAPHY

Elevation:

Topographic position (crest, upper slope, mid slope, lower slope, bottom?):

Mid Slope

Aspect (north, south, east, west, flat?):

Slope (0-20 degrees, 20-45 degrees, 45-75 degrees, vertical?):

Light (open, filtered, shade?):

Moisture (inundated, wet, mesic dry, xeric?):

Soil types: Mineral

Surficial rock types (with percent of ground covered): NA

Bedrock/parent material:

Surficial water (distance away and source):

Housatonic River (Across floodplain),

MANAGEMENT/OWNERSHIP: Canoe Meadows (Audubon)

MNHESP Site Name (if any):

Managed Area (if any):

Comments/Management recommendations: Further survey effort to locate more individuals.

Disturbance or threats (natural or unnatural) to population:

none observed

Land Owner's Name, Address, and Phone:

Canoe Meadows (Audubon)

Ownership Comments:

ELEMENT OCCURRENCE (EO) SUMMARY

(Circle one choice in each category)

EO Quality

How representative is this occurrence? Consider the size and

productivity of the population and the vitality and vigor of the individuals.

A - Excellent B - Good C - Marginal D - Poor

Comments: *Single individual*

EO Condition

Is the habitat supporting the EO pristine or degraded? Is there a potential for the habitat to recover from disturbances?

A - Excellent B - Good C - Marginal D - Poor

Comments: *Many Agricultural fields in Area (growing in with shrubs) from historic farming activities. Only a thin strip of intact vegetation between trail and river.*

EO Viability

What are the long-term prospects for continued existence of this occurrence at the indicated level of quality?

A - Excellent B - Good C - Marginal D - Poor

Comments:

EO Defensibility

Can this occurrence be protected from extrinsic human factors?

A - Excellent B - Good C - Marginal D - Poor

Comments: *Land under ownership of Conservation Oriented Association.*

EO RANK

A summary of all factors listed above.

A - Excellent B - Good C - Marginal D - Poor

Comments:

ADDITIONAL COMMENTS (if any)

Specimen to be deposited
at the Harvard
Herbaria.

CERTIFICATION

I hereby certify under pains and penalties of perjury that
the information contained in this report is true and complete
to the best of my knowledge.

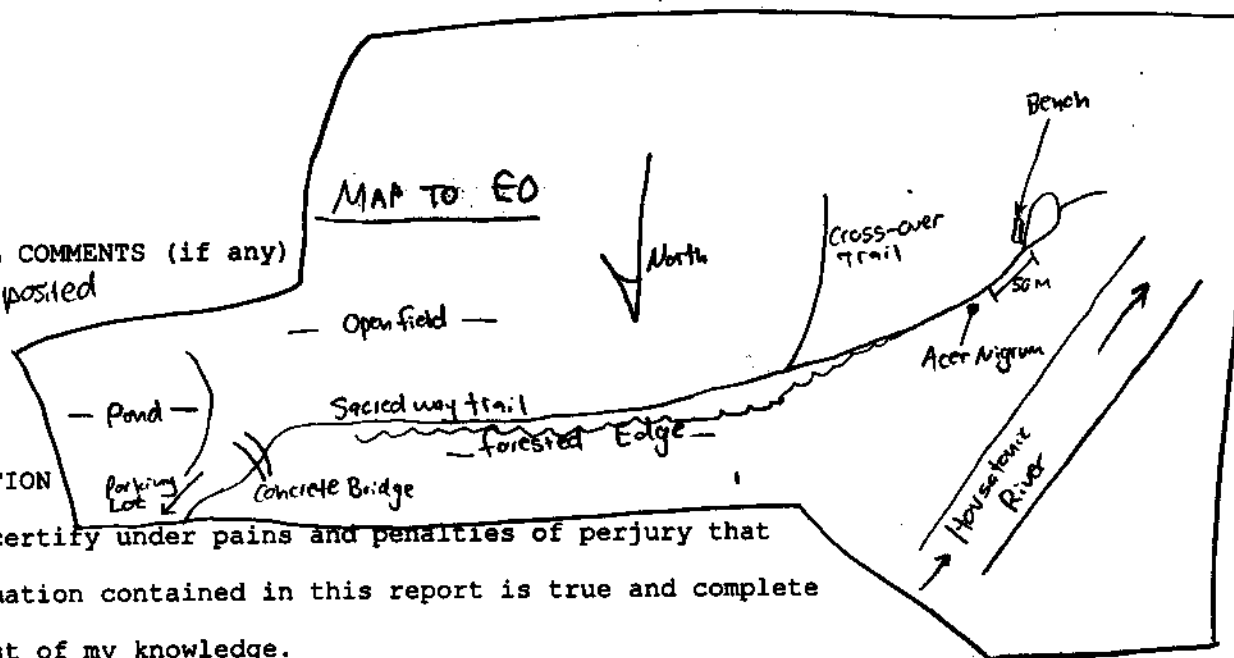
Signature:

Arthur Haines

Date: 22 June 1999

Please submit form, a copy of a USGS topo map showing plant
location, and all supporting documentation to the State
Botanist at:

Massachusetts Natural Heritage & Endangered Species Program
Division of Fisheries & Wildlife



Route 1.

Westborough, MA 01581

(508) 792-7270 ext 200

Thank you for contributing to the Natural Heritage &
Endangered Species Program database. Your efforts are
valuable and appreciated.



OCTOBER
STATE